

BLIP Operations 05-07-12

- Status – operations at 117 MeV
 - Weekly average beam current 97.8 μ A. Beam on target for 161.6hours, with 3.2hr scheduled maintenance and 2.5 hr down time.
- Issues
 - The investigation of the cause of leaked RbCl target with a high resolution measurement of the beam profile confirmed that the beam spot was 25% smaller than previously. Beam focus has been broadened and intensity increased about 10%.
 - Although Linac had made no changes to the tune, it appears that when the polarized proton ion source was shut off the emittance of the high intensity ion source was reduced due to changes in gas pressure. This is an effect that will have to be tracked in the future.
 - There were two minor personnel contamination events at the Target Processing Lab. The cause of one was obvious and easily corrected. In the second event, no source of contamination has been found despite extensive investigation and surveying.

BLIP “luminosity”

To Date Accum. uA-hrs

